

Storm Data and Unusual Weather Phenomena

May 2003

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Property	Estimated Damage Crops	Character of Storm
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NEW MEXICO Southeast

Eddy County

4 E Carlsbad	25	1540MST			0	0	0	0	Hail(1.50)
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Reported on Highway 62/180.

Eddy County

Carlsbad	25	1605MST 2015MST			0	0	0	0	Flash Flood
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Widespread flash flooding was reported in the city of Carlsbad. High water flowing in city streets contributed to one traffic accident which resulted in an indirect injury.

Eddy County

Carlsbad	25	1605MST			0	0	0	0	Hail(1.00)
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Eddy County

Lakewood	25	1622MST			0	0	0	0	Hail(0.75)
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Severe thunderstorms affected the Carlsbad vicinity during the late afternoon of the 25th. These storms resulted in large hail up to the size of ping pong balls and flash flooding.

TEXAS West

Glasscock County

10 E St Lawrence	09	0815CST			0	0	0	0	Hail(1.00)
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Scattered thunderstorms developed across the eastern Permian Basin in a warm air advection pattern early on the 9th. The strongest storm was an elevated supercell which moved across eastern Glasscock County. Quarter size hail was reported as the storm moved across rural areas east of St. Lawrence.

Pecos County

10 WNW Sheffield	09	1600CST 1605CST			0	0	0	0	Hail(1.00)
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Pecos County

5 N Sheffield to Sheffield	09	1622CST 1630CST			0	0	15K	0	Hail(3.00)
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An isolated and very intense supercell thunderstorm affected parts of eastern Pecos County. The storm generally remained south of Interstate 10, between Bakersfield and Sheffield. A rancher reported quarter size hail in rural areas south of the interstate. Radar imagery suggested the storm was potentially tornadic as it approached Sheffield, but spotter reports were unavailable and no tornadoes were observed. The public and law enforcement reported "orange" size hail along Interstate 10 north of Sheffield as the radar detected circulation passed directly over the city.

Jeff Davis County

9 NW Ft Davis	12	1502CST			0	0	0	0	Hail(0.75)
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Penny size hail was reported at the McDonald Observatory.

Jeff Davis County

9 NW Ft Davis	12	1545CST			0	0	0	0	Thunderstorm Wind (MG52)
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An automated weather station at the McDonald Observatory recorded a severe thunderstorm wind gust of 60 MPH.

Jeff Davis County

Ft Davis	12	1615CST			0	0	0	0	Hail(0.88)
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Brewster County

8 ENE Alpine	12	1811 CST			0	0	0	0	Hail(1.00)
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Quarter size hail was reported one mile north of the intersection of U.S. Highways 67 and 90.

Brewster County

15 NW Marathon to 12 NW Marathon	12	1830CST 1840CST			0	0	0	0	Hail(1.00)
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Trained storm spotters reported quarter size hail along Highway 118 near the Altuda community.

Brewster County

5 N Marathon	12	1831 CST			0	0	0	0	Hail(1.00)
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Brewster County

25 E Alpine	12	1900CST 1915CST			0	0	0	0	Flash Flood
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<u>TEXAS West</u>									
			Flash flooding resulted in over one foot of water covering Highway 118 east of Alpine. The highway was closed by the DPS.						
Brewster County 4 S Marathon	12	1904CST 1920CST			0	0	1K	0	Hail(2.50)
			Trained storm spotters reported very large hail along Highway 385 south of Marathon. Stones ranging in size from quarters to tennis balls were reported. No significant damage was reported. Hail accumulated over one foot deep and persisted in drifts beyond 2015 CST.						
Brewster County 23 S Alpine	12	1940CST 1955CST			0	0	0	0	Hail(0.88)
Brewster County 23 S Alpine	12	2005CST 2020CST			0	0	0	0	Flash Flood
			Flash flooding resulted in high water covering Highway 118 south of Alpine.						
Brewster County 38 S Marathon	12	2120CST			0	0	0	0	Hail(1.75)
			The late afternoon and evening of the 12th brought an active round of severe thunderstorms to parts of southwest Texas. Several supercell thunderstorms developed in a deep and moist upslope flow regime along the mountainous terrain. These storms resulted in numerous reports of large hail.						
Scurry County Snyder to 3 E Snyder	15	1735CST 1740CST			0	0	0	0	Thunderstorm Wind (MG55)
			Severe thunderstorm wind gusts were estimated by a trained spotter in Snyder, and then confirmed by the Texas Mesonet site three miles east of Snyder five minutes later.						
Scurry County 6 ENE Snyder	15	1740CST			0	0	0	0	Hail(0.88)
			An isolated supercell thunderstorm developed rapidly just ahead of a dryline bulge across Scurry County on the 15th. This storm resulted in large hail to the size of nickels and severe wind gusts. The storm went on to produce tornadoes as it moved east of the area during the next few hours. This day brought a very active tornado outbreak across parts of Texas, including the Panhandle region.						
Presidio County 5 S Marfa to 4 S Marfa	22	1641CST 1647CST			0	0	0	0	Hail(0.88)
			Nickel size hail was reported by motorists and the U.S. Border Patrol near the check point station south of Marfa on Highway 67.						
Pecos County 2 S Ft Stockton	24	1427CST 1440CST			0	0	0	0	Hail(1.75)
			Several spotter reports were received of large hail along Highway 285. Hail stones ranged in size from quarters to golfballs.						
Scurry County Ira	24	1440CST 1450CST			0	0	0	0	Hail(1.00)
			Quarter size hail covered the ground in Ira.						
Pecos County 5 S Ft Stockton	24	1445CST 1510CST			0	0	0	0	Flash Flood
			Very heavy rain combined with ice blockage from hail resulted in flash flooding of a construction site along Highway 285 south of Fort Stockton.						
Mitchell County 5 NW Colorado City	24	1450CST			0	0	0	0	Hail(1.00)
			Quarter size hail covered the ground.						
Pecos County 36 S Ft Stockton	24	1505CST			0	0	0	0	Hail(1.00)
Howard County Big Spring	24	1530CST 1820CST			0	0	15K	0	Flash Flood

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS West									
			The Big Spring Police Department and storm spotters reported several main city streets in Big Spring under water due to flash flooding. Water was reported to be a few feet deep on the Interstate 20 service roads with several cars stalled. No injuries were reported.						
Martin County									
Stanton	24	1540CST			0	0	0	0	Hail(0.75)
Brewster County									
Marathon	24	1550CST			0	0	0	0	Hail(0.75)
Martin County									
Stanton	24	1555CST 1615CST			0	0	0	0	Flash Flood
			A spotter reported very heavy rainfall resulting in flash flooding on most city streets in Stanton.						
Scurry County									
2 E Dermott	24	1610CST 1617CST			0	0	0	0	Hail(0.88)
Scurry County									
15 N Snyder	24	1628CST			0	0	0	0	Hail(0.75)
			A spotter reported penny size hail along Highway 208 north of Snyder.						
Midland County									
Midland	24	1648CST			0	0	0	0	Hail(0.75)
			A spotter reported penny size hail one mile south of the intersection of Interstate 20 and Highway 349.						
Glasscock County									
16 W Garden City to 16 S Garden City	24	1729CST 1815CST			0	0	0	0	Flash Flood
			Storm spotters reported flash flooding in parts of the county including high water over Highway 158 near the county line, and south of Garden City on Farm to Market Road 33.						
Midland County									
6 S Spraberry to 3 E Spraberry	24	1729CST 1805CST			0	0	0	0	Flash Flood
			Spotters reported flash flooding resulting in high water over Farm to Market Road 1379 and Highway 158 south of Spraberry and east to the county line.						
Mitchell County									
5 W Colorado City	24	1730CST 1800CST			0	0	0	0	Flash Flood
			Storm spotters reported high water resulting from flash flooding over Interstate 20 west of Colorado City.						
Ector County									
Odessa	24	1910CST			0	0	0	0	Hail(0.75)
			Penny size hail was reported at Schlemeyer Airport in Odessa						
Andrews County									
14 SSE Andrews to 13 SSE Andrews	24	1920CST 2000CST			0	0	0	0	Flash Flood
			Local law enforcement reported high water over the intersection of County Road 8000 and Highway 385 as a result of flash flooding.						
Ector County									
Odessa to 8 W Odessa	24	1925CST 2245CST			1	0	300K	0	Flash Flood
			A significant flash flood event which resulted in the death of a local teenage girl impacted the city of Odessa during the evening hours of the 24th. Numerous reports of flash flooding, including water in homes and stalled vehicles were received. Several swift water rescues were conducted by the Odessa Fire Department across the city. An 18 year old female was killed when she was swept away by raging flood waters while trying to evacuate her stalled pickup truck. Two passengers were successfully rescued from that particular vehicle. High water resulted in dangerous conditions for motorists throughout the city. A few of the most significant reports were received from the area around Ratliff Stadium (where a high school graduation was scheduled to occur) and along University Street. F18VE						
Ector County									
Odessa	24	2020CST			0	0	0	0	Hail(1.00)
Andrews County									
7 E Andrews	24	2100CST 2135CST			0	0	0	0	Flash Flood

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									May 2003
		Time	Path	Path	Number of		Estimated		
		Local/	Length	Width	Persons		Damage		
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>TEXAS West</u>									
Flash flooding resulted in high water over Farm to Market Road 1788 east of Andrews.									
Midland County									
13 WSW Midland	24	2200CST 2300CST			0	0	10K	0	Flash Flood
Flash flooding resulted in high water over a construction zone on Interstate 20. A car encountered the high water and was swept off the highway. The driver had to be rescued, but no injuries were reported.									
Ector County									
8 W Odessa	25	0000CST			0	0	60K	0	Lightning
Lightning was responsible for setting a warehouse on fire in West Odessa. The warehouse was destroyed in the fire. No injuries were reported.									
An active round of severe thunderstorms, including a very serious flash flood situation, affected parts of West Texas on the 24th. The situation evolved as numerous thunderstorms developed along an outflow boundary which was roughly oriented along the Interstate 20 corridor in the Permian Basin. The boundary then stretched northwest into southeast New Mexico. Storms trained along the boundary and continuously moved across parts of Andrews, Ector, and Midland Counties. The combination of these factors and urban effects resulted in a deadly flash flood event in the city of Odessa. Large hail also accompanied the strongest storms.									
Brewster County									
Alpine	25	1314CST 1524CST			0	0	0	0	Hail(0.75)
Jeff Davis County									
10 SE Ft Davis	25	1405CST			0	0	0	0	Hail(0.75)
Reported on Highway 118.									
Brewster County									
10 N Marathon	25	1705CST 1720CST			0	0	0	0	Flash Flood
Flash flooding resulted in high water over Highway 385.									
Brewster County									
10 N Marathon	25	1715CST			0	0	0	0	Hail(0.88)
Reported on Highway 385.									
Pecos County									
36 S Ft Stockton to 35 SSW Ft Stockton	25	1715CST 1825CST			0	0	0	0	Flash Flood
Residents and storm spotters reported flash flooding resulting in high water over many rural roads and over Highway 385 in southern Pecos County.									
Pecos County									
36 S Ft Stockton	25	1722CST			0	0	0	0	Hail(0.75)
Brewster County									
16 E Marathon	25	1755CST			0	0	0	0	Hail(0.88)
Winkler County									
3 NW Wink	25	2011 CST			0	0	0	0	Thunderstorm Wind (MG56)
The Winkler County Airport ASOS measured a severe wind gust from thunderstorm outflow.									
Midland County									
Midland	25	2230CST 2330CST			0	0	15K	0	Flash Flood
Numerous reports of flash flooding were received in the urban areas around the city of Midland. Water was reported to be flowing down several main roadways in Midland. At least three cars were stalled in flood waters, with one swept into Midland Draw. The normally dry draw had four feet of running water flowing in it. The driver of the car was rescued from the raging water in the draw. No serious injuries were reported.									
Midland County									
Spraberry	25	2230CST			0	0	15K	0	Thunderstorm Wind (EG61)
The local utility company reported power poles blown down by severe thunderstorm winds.									

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					Killed	Injured	Property	Crops	
<u>TEXAS West</u>									
Howard County									
Big Spring	25	2305CST 2330CST			0	0	0	0	Flash Flood
			Storm spotters reported flash flooding which resulted in high water running over the intersection of Interstate 20 and Business 20 on the west side of Big Spring.						
Martin County Countywide	25	2320CST 2345CST			0	0	0	0	Flash Flood
			Local authorities reported widespread flash flooding making many rural roads across the county impassable.						
			For the second night in a row, an active round of severe thunderstorms and flash flooding impacted parts of West Texas. Thunderstorms developed along a dryline just east of the mountainous terrain of southwest Texas, and moved east into the Permian Basin during the late evening. Large hail, damaging winds, and flash flooding resulted. The most significant flash flooding on the 25th was in the city of Midland.						
Brewster County 13 ESE Alpine	27	1415CST 1500CST			0	0	0	0	Flash Flood
			Local law enforcement officials reported one foot of water flowing over Highway 90 near the Altuda community.						
Brewster County 1 S Alpine	27	1610CST 1635CST			0	0	0	0	Flash Flood
			Local law officials reported one foot of water flowing over Post Road south of Alpine.						
			Heavy thunderstorms resulted in flash flooding in the Alpine vicinity on the 27th.						
Midland County Midland	31	1804CST 1807CST			0	0	80K	0	Thunderstorm Wind (EG70)
			Many reports of severe and damaging winds were received across the northwest part of Midland after a downburst was observed visually and on radar by meteorologists on duty at WFO Midland. Estimates in the city of Midland indicate 70 to 80 MPH winds. Damage reports which were received included barns destroyed and power poles blown down.						
Midland County Midland	31	1813CST 1820CST			0	0	0	0	Hail(0.88)
			Reports of nickel size hail were received on the northwest side of the city, including at the intersection of Farm to Market Road 1788 and Highway 191.						
Midland County Midland to 7 W Midland	31	1840CST 2145CST			0	0	0	0	Flash Flood
			Local officials reported flash flooding which resulted in flowing water on many city streets in Midland. Water was described to be one to two feet deep.						
Midland County Greenwood	31	1851CST 1900CST			0	0	0	0	Hail(0.88)
			Reported at the intersection of Farm to Market Roads 1379 and 307.						
Midland County Greenwood	31	1851CST 1853CST			0	0	40K	0	Thunderstorm Wind (MG63)
			A local TV meteorologist measured severe thunderstorm wind gusts to 73 MPH in Greenwood at the intersection of Farm to Market Roads 1379 and 307. The winds destroyed a large metal barn which housed prize horses and steers. Debris from the structure came to rest three quarters of a mile to the northeast. None of the livestock were seriously injured.						
Martin County Stanton to 4 N Stanton	31	1910CST 1912CST			0	0	0	0	Thunderstorm Wind (EG52)
Dawson County Welch to 5 N Lamesa	31	1935CST 2020CST			0	0	0	0	Hail(1.75)

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					Killed	Injured	Property Crops	
<u>TEXAS West</u>								
Storm spotters reported large hail to the size of golfballs across the northern half of Dawson County. The golfball size hail began in Welch and tracked southeast to the intersection of Highway 137 and Farm to Market Road 1064. As the storm continued southeast nickel to quarter size hail with occasional stones as large as golfballs was reported five miles north of Lamesa on Highway 87.								
Howard County Luther to Vincent	31	1945CST 2016CST			0	0	0	Hail(1.00)
Local law enforcement officials reported a swath of large hail which ranged from the size of peas to the size of quarters across the north central and northeast parts of the county. Specific reports of quarter size hail were received from both Luther and Vincent.								
Howard County 8 N Big Spring	31	2015CST 2035CST			0	0	0	Flash Flood
Storm spotters reported flash flooding resulting in high water making Farm to Market Road 669 impassable north of Big Spring. The water was reported to be between two and four feet deep.								
Dawson County 7 E Lamesa	31	2030CST			0	0	0	Hail(0.75)
The severe thunderstorm which produced golfball hail in northern Dawson County weakened as it moved into the eastern parts of the county. The public reported penny size hail east of Lamesa along Highway 180.								
Dawson County 5 NW Lamesa to 6 N Lamesa	31	2040CST 2100CST			0	0	0	Flash Flood
High water was flowing over Highway 137 and Farm to Market Road 1064 as a result of flash flooding in northern Dawson County. Numerous reports of damaging winds and flash flooding were received as severe thunderstorms affected parts of the Permian Basin during the late afternoon and evening of the 31st. The most significant damage and flooding resulted from a severe thunderstorm which produced at least two distinct downbursts in Midland County. In addition, a supercell thunderstorm produced golfball size hail and flash flood conditions in northern Dawson County.								